

CERAMIC CATALYST BODY, CERAMIC SUPPORT AND THEIR  
PRODUCTION METHODS

5

ABSTRACT OF THE DISCLOSURE

10       The object of the present invention is to improve  
the catalyst performance of a ceramic support that  
enables a catalyst component to be loaded directly,  
prevent thermal degradation and so forth, and enhance  
durability.

15       In the present invention, when producing a catalyst  
body by loading a catalyst onto a ceramic support having  
a large number of pores that enable a catalyst to be  
loaded directly onto a base ceramic surface, the mean  
particle size of the catalyst particles is made to be 100  
20       nm or less, and preferably 50 nm or less. As a result of  
reducing particle size, in addition to making it possible  
for the catalyst particles to be highly dispersed, the  
catalyst particles can be reliably retained in the  
microscopic pores, thereby suppressing aggregation and  
degradation caused by thermal vibration and so forth.

0960361-096401